PYLE®

OWNER'S MANUAL

PLTS77DU

7 INCH WIDE SYSTEM DISPLAY   PYLE   PLTS77DU

CAR DVD MP4/MP3 WITH TOUCH SCREEN

7" Motorized 16:9 TFT-LCD Display
Full front panel detachable
Touch Screen Capable
Car DVD/VCD/MP4/CD/MP3 Player
Front Panel USB port & Aux input
Built-in AM/FM Tuner & RDS
Switchable USA/Europe Radio Frequency
SD card slot inside of the unit
Wireless Remote Control

INSTRUCTIONS

CONTENTS

WELCOME

Thank you for enjoying our series of digital car A/V product.
To properly use this product, please go through this instruction manual for installation and operation, put it in a safe place for future use!

WARNING

1. Please keep the disc slot clean, wipe it off when there is some dirt on it. You should wipe off any dirt on the disc before you place it into the unit. If the disc is dirty and you   place it inside the unit, it will cause the unit to go into an error and will not play the disc. Please ask professional to clean the laser.

2. Playing the radio at higher volumes for a long period of time may cause hearing issues. You should play this unit at a moderate listen level.

3. This unit is set up by precision parts. If you open up this unit, you will void any and all of your warranty.

4. Please do not touch LCD display with any hard object so that you prevent it from getting scratched or damaged.

5. To avoid an accident caused by watching the LCD screen. This unit has a vehicle lock out wire so that you will not be allowed to watch a video while driving down the road.

6. This unit is meant for a 12V power and negative ground system from a vehicle.

NOTE:
We keep improving this product all the time. There may be some changes in it that are not in this manual.

INSTRUCTIONS

NOTE

● This unit can play the following disc

MODE	ICON	CONTENT	DISC SIZE
DVD	DVD	Sound, image	12cm
VCD	VCD	Sound, image	12cm
MP3	MP3	Sound only	12cm
CD	CD	Sound only	12cm

Note: 1. This unit is compatible with MP4/DVD/VCD1.0/2.0/3.0 version, DVD, CD-R, CD-RW, MP3, WMA, JPEG.
2. When playing a DVD, VCD, MP3, CD disc the display will auto identify the disc and show corresponding word. When ⓑ appears on the display, that means that there is no function, please choose another mode.

● It may lead to accident if you are going to change unit.
● Playing disk during car run on bumpy road will damage laser. Playing substandard disc or damage disc will damage laser.
● The environment of inside car is not good, too much dirty, please clean the laser by laser cleanser timely.
● Do not work under terribly hot or cold environment, please ensure the temperature in car is in -20℃～60℃.
● During operation, if ⓑ appear on LCD, that means unit do not support that function, operation is invalid.
● When unit is showing some abnormal, please refer to TROUBLE SHOOTING in this instruction manual, If you cannot find any solution, please press RESET to resume to initial status.

FEATURES

DVD PLAYER

1. International advanced MPEG-4 DECODE TECHNOLOGY
2. COMPATIBLE WITH MP4 (AVI/DIVX/5.X), DVD(DVD-R/DVD-RW),
   VCD, SVCD, CD-RW, WMA, MP3 JPG
3. Multiple subtitles, angles, languages supporting, Child lock function
4. 4 CHANNEL AUDIO OUTPUT MODE
5. PAUSE, PLAY, UP/DOWN, STOP, ZOOM, PBC FUNCTION
6. FM/AM RADIO TUNER
   30 RADIO STATION (18FM, 12AM)

LCD DISPLAY

1. 7 inch, 16:9 TFT LCD display
2. Touch screen
3. Auto adotoried panel
4. Angle of turn adjustable

INSTRUCTIONS

BASIC OPERATION

1. SOURCE ON/OFF
Press SRC button on panel or PWR button on remote control quickly to power on.
Press SRC button on panel or PWR button on remote control longer to power off.

2. PLAYING SOURCE CHOOSE
Press SOURCE button on remote control, unit will switch sources in the following
sequence: RADIO → DVD → AUX

3. MUTE CONTROL
Press MUTE button on panel or MUTE button on remote control shortly to turn off
sound output, press again to back to sound output.

4. VOLUME ADJUSTMENT
1) Press VOL+/VOL- button on panel, VOL+/VOL- button on remote control or touch
   button on display to adjust volume level.
2) The volume setting on this unit is 0 - 39.

TONE MODE ADJUSTING (SEL)
Press SEL button on remote control or SEL button on the panel to choose your desired
tune mode: VOL → BAS → TRE → L/R → F/R

NOTE:
1) DVD playing mode, MBP & User will be automatically activated.
2) After 5 seconds you choose desired mode, do not adjust volume button. The mode
   will automatically take you back to status before adjustment.

5. RESET
1) If unit is not working correctly, you should press the RES button. This will reset the
   radio and should start working correctly afterwards.
2) After reset, all settings will resume back to the factory default settings.

PANEL ARRANGEMENT
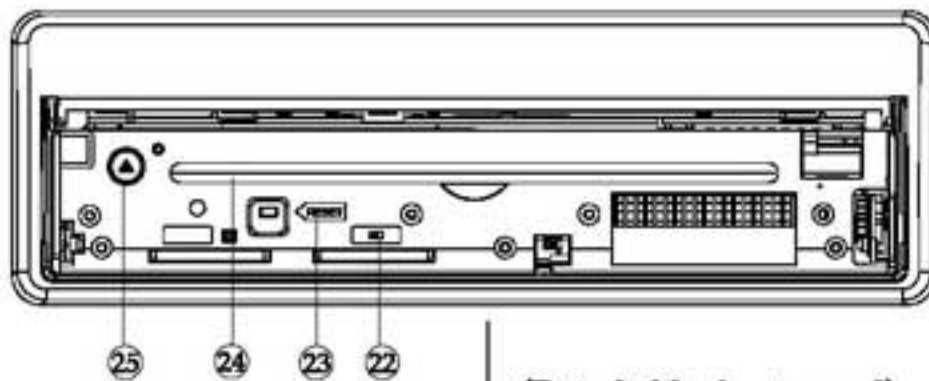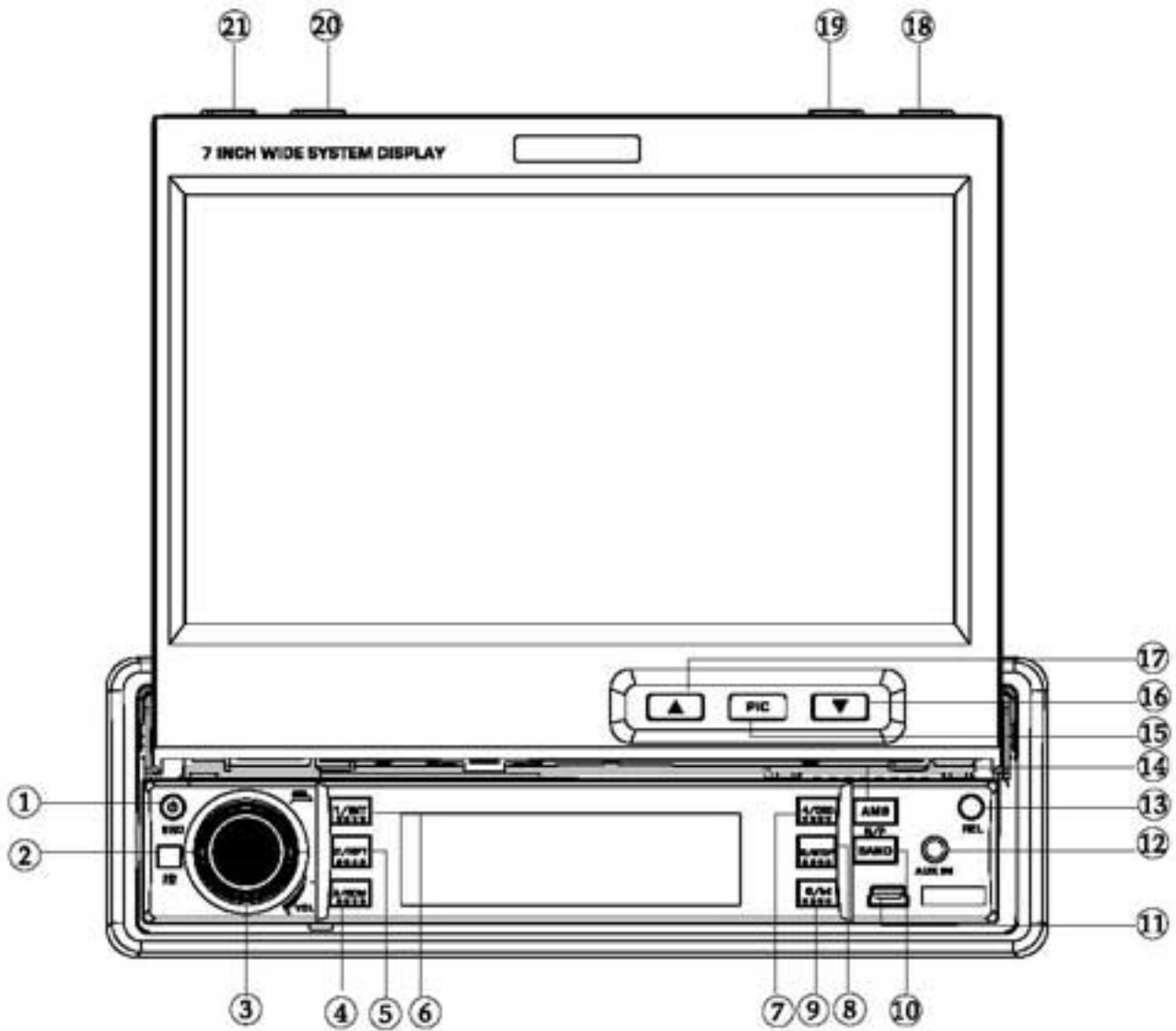
(Detachable front panel)
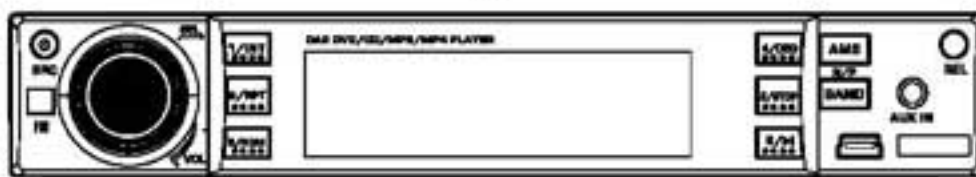
INSTRUCTIONS

PANEL BUTTON CONTROL INSTRUCTION

1.SRC on/off/function MODE button

2. Remote Controller Receiving Window

3.(VOL/SEL)Volume adjustment mode

4. Number button 3/Random playing button

5. Number button 2/voice repeat playing button

6. Number button 1/voice scaning and playing button

7. Number button 4/display button at voice playing state

8.Number button 5/voice stop playing button

9.Number button 6/voice pause playing button

10. Band button

11.USB Socket

12. AUX External Input

13.Release button

14. AMS Program Preset / TV Auto Save / Play Repeat Button

15. PIC Color Selection button

16.▼ DN Adjustment(TFT Screen)

17. ▲ UP Adjustment (TFT Screen)

18. Disc in / out button (Open)

19. Mute / TFT on/off button

20.▼ DN Adjustment(TFT Screen)

21. ▲ UP Adjustment (TFT Screen)

22.SD Socket

23. Reset button

24.Disk load slot

25.Disk out button

OUTLOOK AND BASIC FUNCTION

1.SRC on/off/function MODE button

Press this button for a short moment to turn on power, and long press it to turn off power.

Every button-press activates mode change as follows:

Note:When the device without connecting to USB.SD,CDC or DVD no disc inside ,the system will automatically skip these related working mode.

RADIO

DVD

USB

SD

AUX

GPS   (Optional)
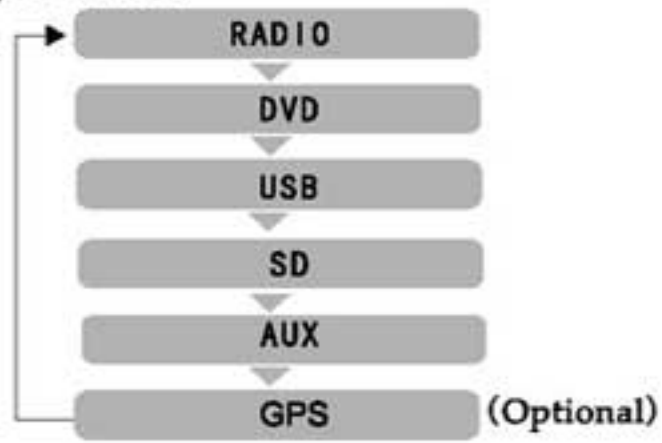
2. Remote Controller Receiving Window

It receives infra red signals from the remote controller which fits this device.

3. (VOL/SEL)Volume adjustment mode
Repeat pressing this button can select the VOL.BAS .TRE,BAL,FAD adjustment mode.

4.Number button 3/Random playing button

At radio state , press this button to select radio channels ; Press this button at voice playing state to execute randomly playing;

5.Number button 2/voice repeat playing button

Press this button at radio state to select radio channels; Press this button at voice playing state to execute repeat playing ;

6.Number button 1/voice scaning and playing button

At radio state, press this button to select radio channels; Press this button at voice playing state to execute scaning and playing function;

7. Number button 4/display button at voice playing state

Press this button at radio state to select radio channels; Press this button at voice playing state to display the location and playing time of the current music;

INSTRUCTIONS

8.Number button 5/voice stop playing button

At radio state, press this button to select radio channels; Press this button at voice playing state to execute stop playing;

9.Number button 6/voice pause playing button

At radio state , press this button to select radio channels ; Press this button at voice playing state to execute Play / Pause function;

10. Band button

In radio state: short press this button can select the band switch. Each time's press.The sequence as following:

FM1 → FM2 → FM3
AM2 ← AM1 ←
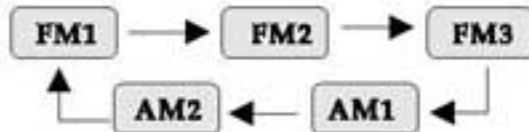
In Play state: Short press this button can select following 3 video system

PAL → AUTO → NTSC

In TV mode: Short press this button can select TV system:

SECAM → PAL M → PAL N
PAL I ← NTSC ←
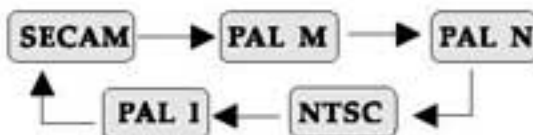
11.USB Socket

This is a high-speed transmission interface, which can read high-capacity data in MP3 or MP4 format.

12. AUX External Input

External audio input socket.

13. Release button

Press this button can take off the control panel.

14. AMS Program Preset / TV Auto Save / Play Repeat Button

Under radio mode, press this button for a short moment to start scanning preset programs. Under TV mode, press this button for a short moment to activate auto search and TV channels will be automatically saved. Under PLAY mode, press it to repeat playing a sin gle song, and press it again to turn off this function.

15. Pic Color Selection Button

Short press this button to chroma setup in the following level:
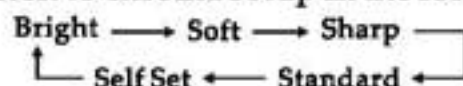
Bright → Soft → Sharp
Self Set ← Standard ←

16. ▼ DN Adjustment (TFT Screen)

After the display screen is extended, press this button to adjust the downward view angle of the screen in 5 steps of adjusting angle.

17. ▲ UP Adjustment (TFT Screen)

After the display screen is extended, press this button to adjust the upward view angle of the screen in 5 steps of adjusting angle.

18. Disc in / out button (Open)

Press this button to make the monitor glide up / down; if you insert the disc, it will automatically play the disc and retract the monitor; if there's a disc in , it will automatically eject the disc;

19. Mute / TFT on/off button

Press this button for the first time to turn off audio output, and press again to restore to the original audio output.

Press this button longer to turn on/off TFT LCD display.

20. ▼ DN Adjustment(TFT Screen)

Operation and function are the same as in(16)

21. ▲ UP Adjustment (TFT Screen)

Operation and function are the same as in(17)

22. SD Socket

This is a high-spees transmission interface, which can read high-capacity date in Mp3 or Mp4 format.

23. Reset button

Press this button to reset the device to its initial state.

24. Disk load slot

Opening for disks to enter or retreat.

25. Disk out button

Press this button to retreat the disk.

INSTRUCTIONS

MAIN MENU TOUCH OPERATION (PIC 1)

DVD

HANDS FREE WIRELESS FUNCTION

RADIO

POWER

AUX INPUT

TV

USB/SD

GPS

OSD SET

IPOD

CDC

OSD SETUP (PIC 2)

Minute ← → Hour

GENERAL SETUP

CLOCK SET

RDS MODE

CAMERA

RADIO FREQ

EXIT

H :   +   00   - AM
M :   +   06   -

RDS :   08   ON   OFF

NORMAL   MIRROR

EUROPE   USA1   USA2
JAPAN   RUSSIAN

Exit

Radio frequency setting

Back-up Camera left/right selection

RDS on/off optional

Time setting

Note: when you touch each button, there is blue background and yellow words on the screen

Note: There are 3 buttons automatically changed according to your setting change in radio state when you activate or exit RDS; Changes are as following: PTY◄—► LOUD ; TA◄—► EQ; AF◄—► ST

TIME DISPLAY AND ADJUST

Time display: Touch main menu into adjust mode, press time setup button, the corresponding function will be display in yellow words.

(1)Press "+" on hour to add hour, press "-" to reduce hour;

(2)Press "+" on minute to add minute, press "-" to reduce minute.

NOTE: Touch the correspondence function, will be display in green background.

The unit include two times system: Europe time (24 hour setup), America time (12 hour setup), when show the AM mark it indicate morning time, when appear the PM mark, it show the time of afternoon.

Remark: This unit is with RDS function, it will automatically adjust the time when you activate RDS function or have received RDS radio channels. At no received RDS radio channels or AM state, you should adjust the time.

INSTRUCTIONS

ADJUST MODE (PIC 3)

Sharp: press +/- button to adjust sharp sound high and low

VOL: press +/- button to adjust volume

Bass: press +/- button to adjust bass level

Power off

Back main menu

SEL

VOL   TRE   BAS

F.F

B.L   B.R

F.F/F.R: Adjust front and rear speaker
B.L/B.R: Adjust left and right speaker

F.R

EQ   DBAS   LOUD

MBP   STD   BACK

Exit setup

EQ mode
From Rock→POP→
└Off ← Classic ←┘

Resume standard video

DBAS on/off: press once to DBAS on, press again to DBAS off

Choose the best listening place; this function will make you enjoy the best comfortable sound effects

Loud: press once off LOUD on, press again to turn off

REMOTE CONTROL FUNCTION
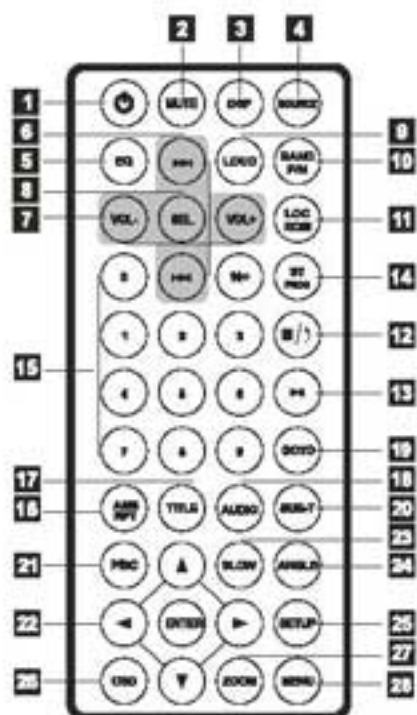
1 POWER ON/OFF	**15** 0-10+
2 MUTE	**16** AMS/RPT
3 TIME DISPLAY	**17** TITLE
4 SOURCE	**18** AUDIO
5 EQ	**19** SET PLAYING TIME
6 SEEK+/SEEK-	**20** SUBTITLE
7 VOL+/VOL-	**21** PBC/MENU
8 SEL	**22** UP/DOWN/L/R ENTER
9 LOUD	**23** SLOW
10 BAND/ P/N	**24** ANGLE
11 LOC / RDM	**25** SET UP
12 STOP	**26** OSD
13 PLAY/PAUSE	**27** ZOOM
14 ST/PROG	**28** MENU

1. POWER
Press once to switch on, press again to switch off.

2. MUTE Button
Press once to turn off audio output, press again to resume volume level.

3. DSP
Press this button to show the time.

4. SOURCE Button
Press this button to choose audio sources.

5. EQ Button
Press this button to choose POP, ROCK, EQ off.

6. SEEK + (►►I) / SEEK - (I◄◄) Button
Press this button to manual turning, speed or quick back, previous song and next song.

7. VOL + (→) / VOL - (←)
Press this button to increase or decrease volume level.

8. SEL Button
Press this button to choose sound feature.

9. LOUD Button
Press this button to startup LOUD function.

10. BAND - P/N Button
In radio mode, press this button to choose band. In VCD, DVD mode, press this button to choose AUTO, PAL or NTSC system.

11. LOC/RDM Button
In radio mode, press this button to switch between local and direction. In VCD, CD mode, press this key to randomly play.

12. STOP Button
Press this button to stop playing.

13. PLAY/PAUSE Button
Press this button to switch between play and pause. In stop mode, press this button to play.

14. ST/ PROG Button
In radio mode, press this button to choose stereo or mono station. In audio mode, it can help STOP button to programmed play.

INSTRUCTIONS

15. 0 - 10 + Button
Press this button to choose desired song, section, preset stations.
* Decimal numbers, for example the 19th song, press 1,9 button;
* Centesimal numbers, for example, the 120th song, press 1,2,0 button.

16. AMS / RPT Button
In radio mode, press this button to browse stored stations. In audio mode, press this button to play repeatedly.

17. TITLE Button
In DVD mode, press this button to play back to the top menu of disc.

18. AUDIO Button
In DVD mode, press this button to switch language of dialogue. In VCD mode, press this button to choose left track, right track, and stereo.

19. SET Playing Time
In DVD mode, press this button, you can define playing time.

20. SUBTITLE Button
In DVD mode, press this button to switch language of subtitle.

21. PBC Button
In VCD mode, press this button to display all song menus, work with number button to choose songs.

22. UP, DOWN, LEFT, RIGHT, ENTER Button
In DVD mode, press this button to move cursor up, down, left, right to choose item in menu. Press the enter button to confirm choice.

23. SLOW Button
In audio mode, press this button to slow backward and slow forward.

24. ANGLE Button
In DVD mode, press this button to change play angle.

25. SETUP Button
In audio mode, press this button to choose different set items.

26. OSD Display
Press this button to display the title chapter and the left time.

27. ZOOM Button
In DVD/VCD mode, press this button to ZOOM in. In CD/MP3/USB/SD mode, press this button to choose EQ.

28. MENU Button
Press button to back to the main menu.

BATTERY CHANGE
When control distance of remote control becomes shorter or no function, please change battery. Please confirm polarity before change.

One hand press stopper, then pull out battery.

Put battery into controller.

Insert battery holder into controller.

LOADING

This white bar shows the rate of process of loading a disc.

Note: When loading a disc, touch screen function can not be used.

INSTRUCTIONS

DISC PLAY TOUCH OPERATION (PIC 4)

Touch this area to enter & exit main menu

At MP3 Playing state, press this button can move the cursor to left/right/up/down and select the songs which in the system menu Remark: For the VCD 2.0 disc and DVD disc cann't operate until the main menu shows.

In DVD mode, press this button to play back to the to menu of disc.

At DVD state, press this area, it will appear touch functions icon

Touch option:
▶▶ next song;
◀◀ previous song;
↑ ↓ adjust monitor angles
Pls refer to Pic 6 when touch "SET" button;
There is a yellow remindation when touch any button

You can select "X2▶X4▶X8▶X16▶X20▶ Play" to speed up when you press this button ▶▶
You can select "X2▶X4▶X8▶X16▶X20▶ Play" to backward when you press this button ◀◀

DVD MODE (PIC 5)

AUDIO SETTING ON TOUCH SCREEN

AUDIO

VIDEO

VOL -
BAS - +10
TRE - 00
BAL - 00
FAD - 00

LOUD DBAS MBP EQ: OFF

Audio selection:
VOL → BAS → TRE → BAL → FAD

When using this function, the position
bar will be highlighted.

EQ mode: Touch the button
to change settings:
ROCK → POP → CLASSIC → OFF

Change the
listening position

Bass choosing: when
touched the button will be
yellow, touch this button
to exit, touch it again to
resume.

Loud choosing: this function is defined
open, when it is touched at the first time,
the loud function will be closed, at the
same time, yellow light disappear.

INSTRUCTIONS

VIDEO SETTING ON TOUCH SCREEN

You can choose: Brightness, Contrast, Color, Hue, adjust the image effect according to your sight. The blue bar will show your level.

AUDIO		
	BRI - ∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎ +07	
	CON - ∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎ +07	
	COL - ∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎ +00	
VIDEO	HUE - ∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎∎ +07	

USER   STDY

BRIG   SOFT   SHAR

Video mode: When using this function, the position will be darker on the screen.

Image mode: You can choose the area in the broken line on the panel, standard, defined, soft, according what you need to choose, the blue back light will disappear.

RDS TOUCH OPERATION (PIC 6)

Short press on this button to decrease radio frequency; longer press on this button to seek radio channels frequency decreased direction.

Short press on this button to increase radio frequency; longer press on this button to seek radio channels frequency increased direction.

Touch this area to enter & exit main menu.

Power off

RADIO

| FM1 | 87.50MHz |

❶ 87.50MHz	106.00MHz ❹
❷ 90.00MHz	108.00MHz ❺
❸ 98.00MHz	87.50MHz ❻

APS   SEL   PTY   MUTE   TA   AF   BND

Press this button to adjust angles of the monitor

In the radio state, press "APS" button, it will automatically seek radio channels in the whole band and preset the strongest radio channels.

Press this button each time, it will automatically execute the following operation in an order of FM1 → FM2 → FM3 → Am1→AM2

Press "SEL" to adjust other functions, please refer to pic 3.

Press this button to close stereo output, re-press this button to resume stereo output.

Press this button to exit balance left & right speaker, re-press this button to resume balance left & right speaker function.

Pree TA,when TA is on,it mean the unit is automatically track RDS radio channels.

Press this button to close sound outpt, re-press this button to resume sound.

+ For details of RDS operation,please refer to other instruction

INSTRUCTIONS

RDS

1. EON(RDS Mark)

Indicate main unit is on auto tracking RDS mode

2. AF(RDS auto tracking mark)

Indicate radio is auto tracking RDS channel

3.TA(RDS signal increasing output)

Indicate RDS channel have signal increasing output

4.TP(RDS channel stereo mark)

Indicate RDS channel is on stereo playing mode

5.POP.M....(RDS channel mark)

Indicate RDS channel name

I . RDS Tracking System

Press AF button in FM mode, and then press ◄◄/►► last 2 minutes, RDS will auto search channel up and down, it will stop searching when RDS channel be founded, but "AF" will keep shinning on the screen and wait for the next traffic emergency report.

II . RDS Tracking on playing mode

In playing mode, "AF" tracking system keep on opening and wait for traffic emergency report.

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1). PTY: RDS button, press once will show music mode POP, press 1-6 function memery button, every group have 2 channel.

POP M	POCRM	EASYM
LJGHTM	CLASSICS	OTHETM
JAZZ	LOUNTRG	NATION

2).press PTY button twice, and then press 1-6 function memery button, every button have 3 channel.

NEWS	AFFAIPS	LIFO	SPORT
EDNEAEE	DRARNA	CULTURE	SEIENLE
CHLDREN	SOCIE	RETIGION	PHONEIN
TRAVEL			

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Note: RDS channel in broken line is in available.

AF: RDS auto search button, in radio mode also can press this button shortly auto tracking RDS channel, press this button shortly also can cancel RDS function.

TA: In RDS mode, press this button can output TA signal, also can recongnize RDS channel is exist, if no RDS signal TFT will show "NO.TA.TP"

RADIO OPERATION (Please look at picture #6)

1. Band Selection

In radio mode, press BAND button, BAND/P/N button on remote control, or touch position on screen every time to choose band, the sequence is as follows:

$$FM1 \longrightarrow FM2 \longrightarrow FM3$$
$$AM2 \longleftarrow AM1 \longleftarrow$$
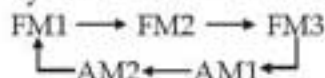
2. Adjust Frequency

Manually Adjust Frequency:

Press SEEK + button on remote control, or ►► touch button on display shortly every time, frequency will increase one step by one step till you get desired frequency. Press SEEK - button on remote control, or ◄◄ touch button on display shortly every time, frequency will decrease on step by step till you get desired frequency.

Search Station:

Press SEEK + / SEEK - button on remote control, or ►►/◄◄ touch button on display shortly every time to search station in up/down direction. When get one station, it will auto stop searching.

3. Browse / Auto Search and Store Station

1) In radio mode, press AMS/RPT button on remote control, or APS button on display shortly to browse preset station on 1-6;

2) In radio mode, press AMS/RPT button on remote control, or APS button on display longer to auto search in whole band from present frequency and store 6 most strong frequency on 1-6;

3) This unit has FM1, FM2, FM3, AM1, AM2 Bands. Each band can store 6 stations, so a total 30 preset stations.

Note: After preset station, unit will cancel the former preset stations.

4. Mono/Stereo Selection

In radio mode, press ST/PTOG button on remote control or ST touch position on display to choose mono/stereo program.

Note: In radio mode, start up the stereo function automatic, touch the ST button again on the display, the TFT display will show the ST OFF & MOMO mark, that is to turn off the stereo. When the right under foot appear the MONO mark, it show the MONO on.

5. Manual Preset and Store Station

In radio mode, press 1-6 button on remote control, or 1-6 position on display longer to store preset frequency into preset channel. For example, the present frequency is 89.8MHz, press 2 button longer, then 89.8MHz frequency is stored in 2 channel.

INSTRUCTIONS

DVD BASIC OPERATION (Please link with touch operation at pic 4)

Slide in DVD disc, unit will play it automatically. If disc is in slot, press DVD touch button on main menu to play disc.

1. Pause Play
In playing mode, press ▶❚ button on remote control, or ▶❚ on the display to pause. Press again to go back to normal play.

2. Stop Play
In playing mode, 1) Press ■/⟩ button on remote control to enter the pause mode, the position will be stored in unit. At that time, press ▶❚ button on remote control or touch button on display to resume playing at the stored position.
2) Press ■/⟩ button on remote control twice to enter into stop mode, here, press ▶❚ button on remote control or touch button on display, unit will play from the first song.

3. Fast Forward/Fast Backward Play
In playing mode, press SEEK + button on remote control, or ▶▶ touch button on display to speed play.
When you need quick back, press SEEK - button on remote control, or ◀◀ touch button on display to quick back play.
Note: Hold above button a bit longer to operate.

4. Previous/Next Song Play
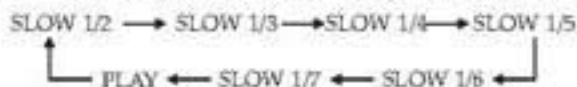In playing mode, press SEEK + / SEEK - on remote control, or ▶▶❙/❙◀◀ touch button on display to choose previous/next song.

5. Switch System
In playing mode, short press the BAND/P/N button on remote control, to select PAL, AUTO, NTSC TV system.
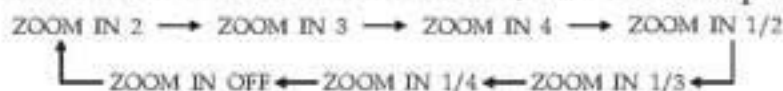Note: This function can only be worked by the remote control.

6. Slow Play
Press SLOW button on remote control to slow play. The level of slow playing is as follows. Sequence is :

SLOW 1/2 ⟶ SLOW 1/3 ⟶ SLOW 1/4 ⟶ SLOW 1/5
PLAY ◀— SLOW 1/7 ◀— SLOW 1/6 ◀—

Note: This function can only be worked by the remote control.

7. Zoom In/Zoom Out
Press ZOOM button on remote control to zoom in / zoom out the picture. The levels are as follows:

ZOOM IN 2 ⟶ ZOOM IN 3 ⟶ ZOOM IN 4 ⟶ ZOOM IN 1/2
ZOOM IN OFF ◀— ZOOM IN 1/4 ◀— ZOOM IN 1/3 ◀—

Note:
1. This function can only be worked by the remote control.
2. Image which is zoomed in can be moved by up/down/left/right cursor to move.
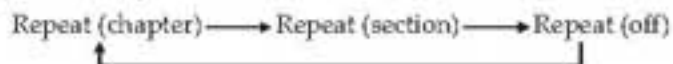3. Image which is zoomed out cannot be moved.

8. OSD

In playing mode, short press OSD on remote control to show all information of present disc.

9. Repeatedly Play

In play mode, press AMS/RPT button on remote control to start up follow repeat function.   Repeat (chapter) ⟶ Repeat (section) ⟶ Repeat (off)

10. Angle Switch

If the DVD disc is recorded with multi-angles, you can press the ANGLE button to switch the angle during playing.
The sequence is as follow:
ANGLE 1 → ANGLE 2 → ANGLE 3
Note:
1. It just can be worked by the remote control.
2. It is only for the DVD disc which has multi-angle.
3. If there is a ▭ sign on the cover of the DVD disc. The number in the sign means how many angles the disc has.
4. You can not switch the angle when slow playing.

11.Multi-Audio

There are different languages of dialogue and audio systems in DVD disc.
If the DVD disc is recorded with multi-audio, you can switch the language of dialogue and the audio systems when playing.
Press the AUDIO button repeatedly to change the language of dialogue.
Note
1. It just can be worked by the remote control.
2. It is only for the DVD disc which has multi-language.
3. If there is a ②)) sign on the cover of the DVD disc, ②)) means that it was recorded by multi-language/audio system.
4. In VCD mode, press the AUDIO button to select the L/R or STEREO track.

12.Multi-Subtitle

If the DVD disc is recorded with multi-subtitle, you can switch the languages of subtitle.
Press the sub-t button repeatedly to change the language.
Note:
1. It just can be worked by the remote control.
2. It only for the DVD disc which is recorded with multi-wubtitle.
3. If there is a ▭ sign on the cover of the DVD disc ▭ means theat it has several subtitle.

13. Title Select

In DVD mode, press TITLE button to back to the title menu. Display shows all the titles of the disc. You can select the chapter you want by the cursor, press play button to play the chapter.
Note: It just can be worked by the remote control.

INSTRUCTIONS

14. MENU Select

In playing mode, press PBC button on remote control to back to the menu, display will show chapter and section in disc. Work with ▲/▼ button on remote control or touch button on display to choose your desired song. Press ▶I button / ENTER button to play.
Note: This function can only be worked by the remote control.
OPEN: Press OPEN button on panel to eject disc.

15. Program Play

In DVD mode, you can set the sequence of playing by the program function, the operation is as follow:

PROG			
TC	TC	TC	TC
1 [0 1]:[0 3]	5 _ _ : _ _	9 _ _ : _ _	13 _ _ : _ _
2 [0 1]:[0 6]	6 _ _ : _ _	10 _ _ : _ _	14 _ _ : _ _
3 _ _ : _ _	7 _ _ : _ _	11 _ _ : _ _	15 _ _ : _ _
4 _ _ : _ _	8 _ _ : _ _	12 _ _ : _ _	16 _ _ : _ _
	PLAY	DELETE	

When DVD is playing, press ST / PROG button, then display shows:
For example, program the first song, input 01, press ▶ button move the cursor to the second lattice, input desired song, for example, the third song. Program the second song, press ▼ button, move the cursor to 2⬚_ _ . input 01, press▶ button move the cursor to the second lattice, input desired song, for example, the 6th song (press 6). Press ▶I button to program play. Back to the normal mode, press the ST/PROG button, then press ▶I button.
Note: This function can only be worked by the remote control.

16. Digital Album

Play the disc contains JPEG pictures, read the picture menu first.
1. Press ▶I button on remote control, the pictures will be browsed automatically. (It also can be worked to press number 6 button on the unit.)
2. Press ENTER button on the remote control, it can be manual browsed by SEEK + and SEEK -.
3. ZOOM in picture function: During auto browsing, press pause button stop the screen, press ZOOM button to zoom in or zoom out the picture. During manual browsing, you can press ZOOM button to zoom in or zoom out picture directly.
4.Under zoom in picture, you can move the picture by ◀⬆▶▼ .
Note: You can not move picture in normal mode and zoom out mode.

17. Setup

Press SETUP button, display will show the system setup menu and the submenu, select the item you want by ◀⬆▶▼ , after selecting the proper item, press ▲/▼/◀/▶ to press ENTER to confirm.
Note:
1. It just can be worked by the remote control.
2. Some function setting maybe different because of the different model or disc.
3. If the selected language is not recorded in the disc, then unit will show the appointed language,
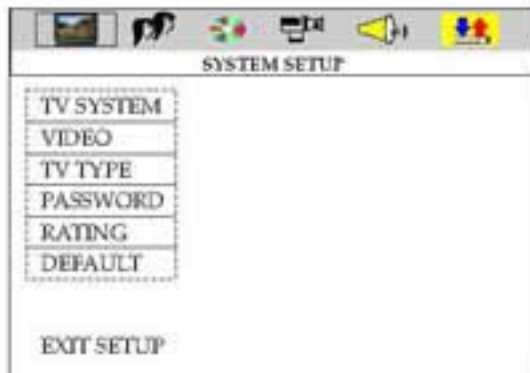4. About the "SETUP", please read the follow.
Press "SETUP" on the remote control, it will appear the following touch menu:
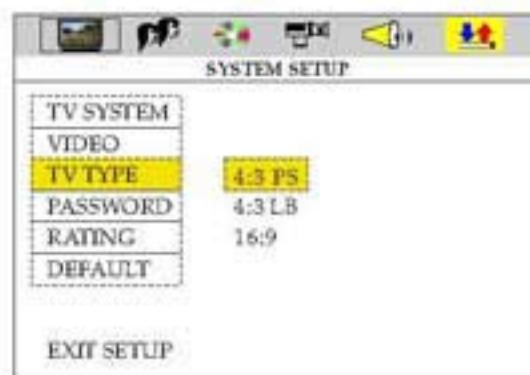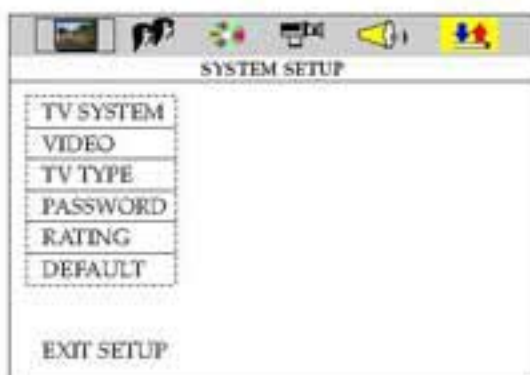
SYSTEM SETUP

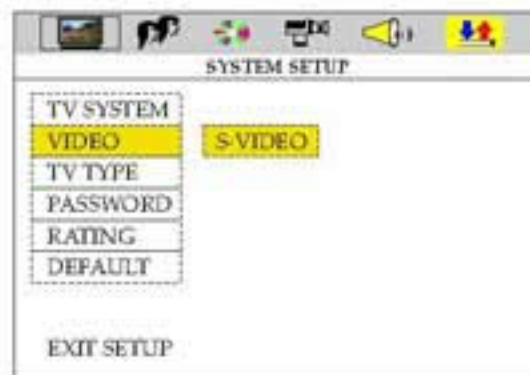1. Press ▲ or ▼ button

2. Press ▲ / ▼ / ◀ / ▶ button, then to enter.

SYSTEM SETUP

TV SYSTEM
VIDEO
TV TYPE
PASSWORD
RATING
DEFAULT

EXIT SETUP

⟹

SYSTEM SETUP

TV SYSTEM   NTSC
VIDEO   PAL
TV TYPE   AUTO
PASSWORD
RATING
DEFAULT

EXIT SETUP

⇩

SYSTEM SETUP

TV SYSTEM
VIDEO
TV TYPE
PASSWORD
RATING
DEFAULT

EXIT SETUP

⟹

SYSTEM SETUP

TV SYSTEM
VIDEO   S-VIDEO
TV TYPE
PASSWORD
RATING
DEFAULT

EXIT SETUP

⇩

SYSTEM SETUP

TV SYSTEM
VIDEO
TV TYPE
PASSWORD
RATING
DEFAULT

EXIT SETUP

⟹

SYSTEM SETUP

TV SYSTEM
VIDEO
TV TYPE   4:3 PS
PASSWORD   4:3 LB
RATING   16:9
DEFAULT

EXIT SETUP

⇩

INSTRUCTIONS

SYSTEM SETUP
- TV SYSTEM
- VIDEO
- TV TYPE
- PASSWORD
- RATING
- DEFAULT

EXIT SETUP

➡️

SYSTEM SETUP
- TV SYSTEM
- VIDEO
- TV TYPE
- **PASSWORD**   – – – –
- RATING
- DEFAULT

EXIT SETUP

Note:
1. After input code "0000" press ENTER button to turn on child lock;
2. Move cursor to level item, choose desired level;
3. Only child lock is in can you choose.

⬇️

SYSTEM SETUP
- TV SYSTEM
- VIDEO
- TV TYPE
- PASSWORD
- RATING
- DEFAULT

EXIT SETUP

➡️

SYSTEM SETUP
- TV SYSTEM
- VIDEO
- TV TYPE
- PASSWORD
- **RATING**
- DEFAULT

1. KID SAFE
2. G
3. PG
4. PG 13
5. PG-R
6. R
7. NC-17
8. ADULT

EXIT SETUP

⬇️

SYSTEM SETUP
- TV SYSTEM
- VIDEO
- TV TYPE
- PASSWORD
- RATING
- DEFAULT

EXIT SETUP

➡️

SYSTEM SETUP
- TV SYSTEM
- VIDEO
- TV TYPE
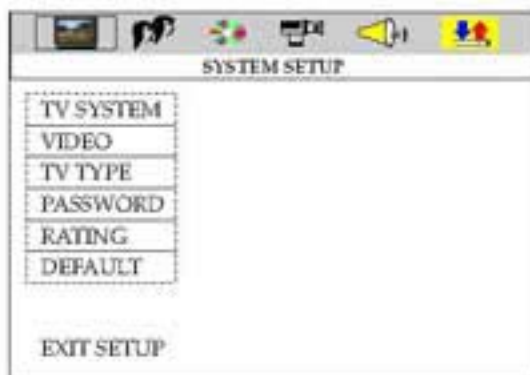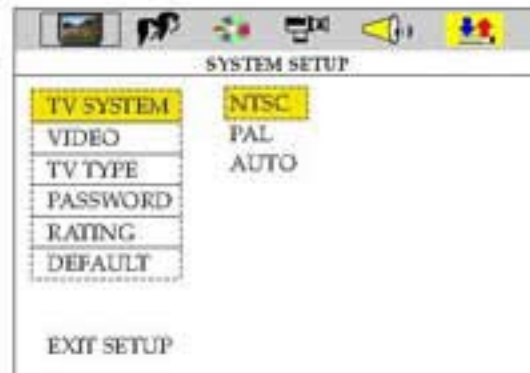- PASSWORD
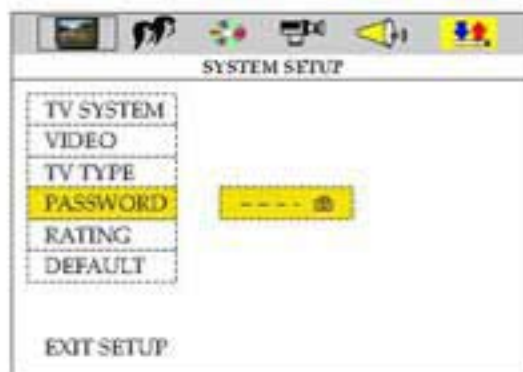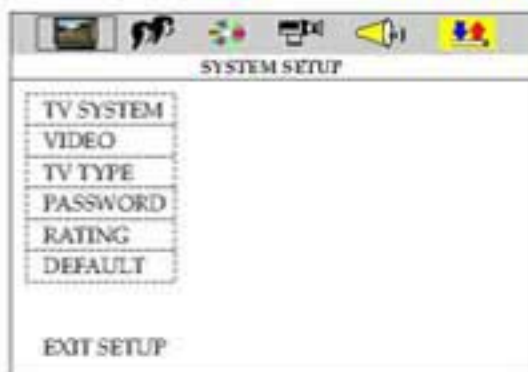- RATING
- **DEFAULT**   RESTORE

EXIT SETUP

LANGUAGE SETUP

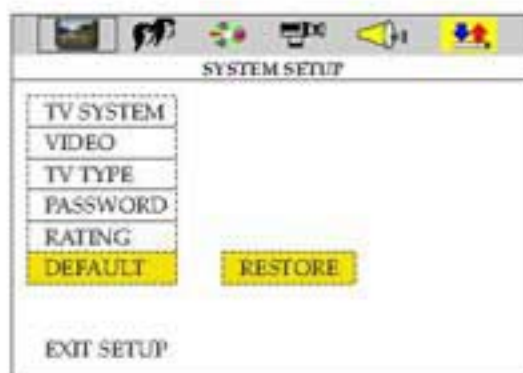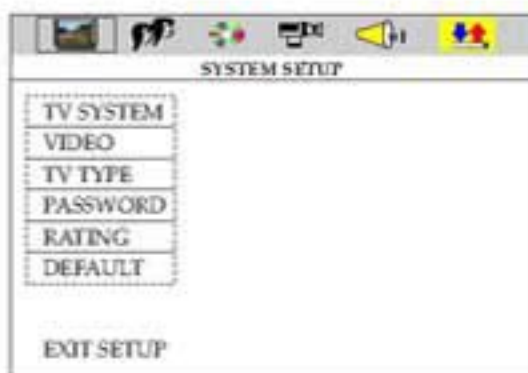1. Press ▲ or ▼ button

2. Press ▲/▼/◄/► button, then to enter.

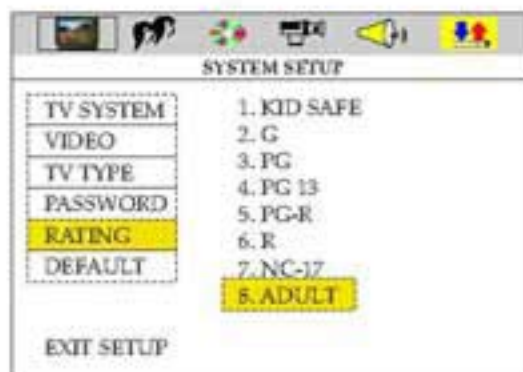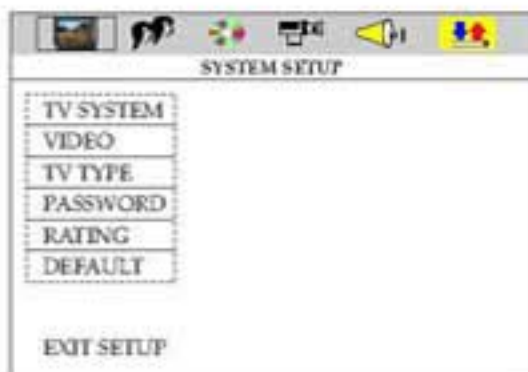**LANGUAGE SETUP**

OSD LANGUAGE
AUDIO LANG
SUBTITLE LANG
MENU LANG

EXIT SETUP

LANGUAGE SETUP

OSD LANGUAGE — ENGLISH
AUDIO LANG — GERMAN
SUBTITLE LANG — SPANISH
MENU LANG — FRENCH
PORTUGUESE
LATIN
ITALIAN

EXIT SETUP

LANGUAGE SETUP

OSD LANGUAGE
AUDIO LANG
SUBTITLE LANG
MENU LANG

EXIT SETUP

LANGUAGE SETUP

OSD LANGUAGE — ENGLISH
AUDIO LANG — GERMAN
SUBTITLE LANG — SPANISH
MENU LANG — FRENCH
PORTUGUESE
LATIN
ITALIAN

EXIT SETUP

LANGUAGE SETUP

OSD LANGUAGE
AUDIO LANG
SUBTITLE LANG
MENU LANG

EXIT SETUP

LANGUAGE SETUP

OSD LANGUAGE — ENGLISH
AUDIO LANG — GERMAN
SUBTITLE LANG — SPANISH
MENU LANG — FRENCH
PORTUGUESE
LATIN
ITALIAN

EXIT SETUP

INSTRUCTIONS

LANGUAGE SETUP

| OSD LANGUAGE |
| AUDIO LANG |
| SUBTITLE LANG |
| MENU LANG |

EXIT SETUP

➡

LANGUAGE SETUP

OSD LANGUAGE	**ENGLISH**
AUDIO LANG	**GERMAN**
SUBTITLE LANG	**SPANISH**
MENU LANG	**FRENCH**
	PORTUGUESE
	LATIN
	ITALIAN

EXIT SETUP

AUDIO SETUP

1. Press ▲ or ▼ button

2. Press ▲ / ▼ / ◄ / ▶ button, then to enter.

AUDIO SETUP

| AUDIO OUT |
| KEY |

EXIT SETUP

➡

AUDIO SETUP

AUDIO OUT	SPDIF/OFF
KEY	SPDIF/RAW
	SPDIF/PCM

EXIT SETUP

⇩

AUDIO SETUP

| AUDIO OUT |
| KEY |

EXIT SETUP

➡

AUDIO SETUP

| AUDIO OUT |
| KEY |

EXIT SETUP

VIDEO SETUP

1. Press ▲ or ▼ button

2. Press ▲/▼/◄/► button, then to enter.

INSTRUCTIONS

<table>
<tr>
<td>

VIDEO SETUP

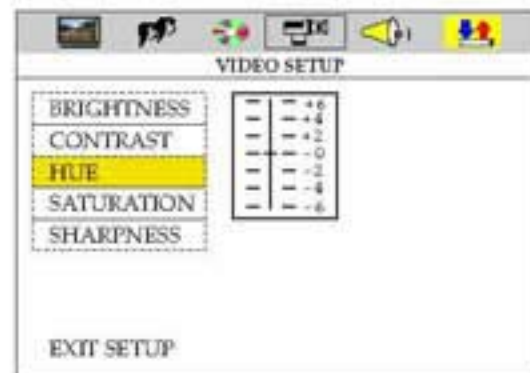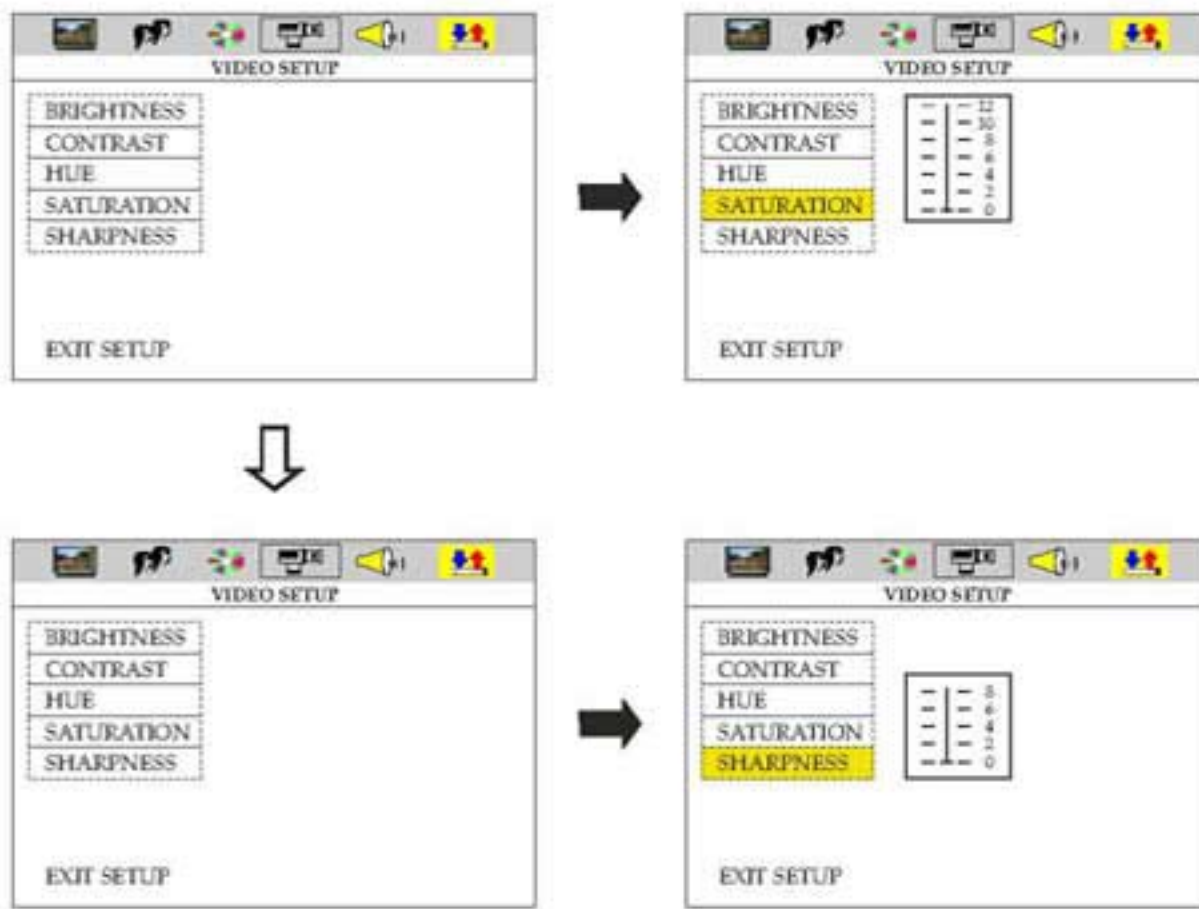BRIGHTNESS
CONTRAST
HUE
SATURATION
SHARPNESS

EXIT SETUP

</td>
<td>⇨</td>
<td>

VIDEO SETUP

BRIGHTNESS
CONTRAST
HUE
SATURATION
SHARPNESS

EXIT SETUP

</td>
</tr>
</table>

⇩

<table>
<tr>
<td>

VIDEO SETUP

BRIGHTNESS
CONTRAST
HUE
SATURATION
SHARPNESS

EXIT SETUP

</td>
<td>⇨</td>
<td>

VIDEO SETUP

BRIGHTNESS
CONTRAST
HUE
SATURATION
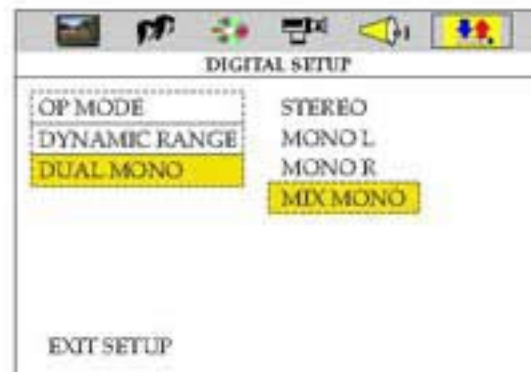**SHARPNESS**

EXIT SETUP

</td>
</tr>
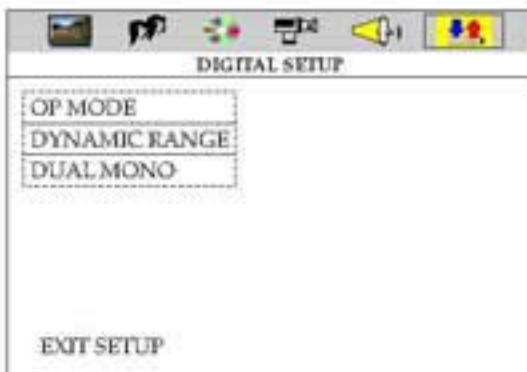</table>

DIGITAL SETUP

1. Press ▲ or ▼ button

2. Press ▲/▼/◀/▶ button, then to enter.
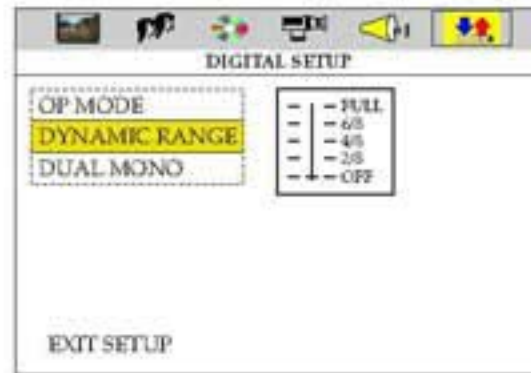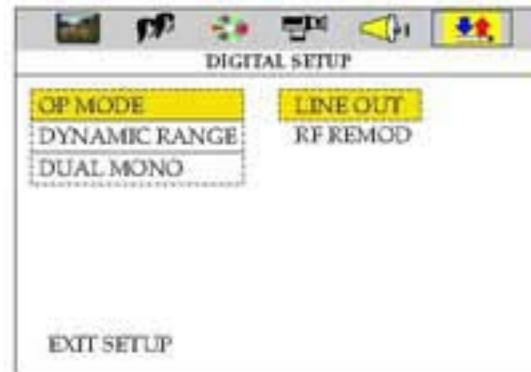
INSTRUCTIONS

VCD BASIC OPERATION (Look at picture #4)

Slide in the VCD disc, it will play it automatically. If the disc is in slot, press DVD touch button on main menu can to play.

1. Pause Play
In playing mode, press ▶️ button on remote control, or ▶️ on display to pause. Press again to back to normal play.

2. Stop Play
In playing mode, 1) Press ■/⅜ button on remote control to enter the pause mode, the position will be stored in unit. At that time, press ▶️ button on remote control or touch button on display to resume playing at the stored position.
2) Press ■/⅜ button on remote control twice to enter into stop mode, here, press ▶️ button on remote control or touch button on display, unit will play from the first song.

3. Fast Forward/Rewind Function
In playing mode, press SEEK + button on remote control, or ▶▶ touch button on display to speed play.
When you need quick back, press SEEK - button on remote control, or ◀◀ touch button on display to quick back play.
Note: Hold above button a bit longer to operate.

4. Previous/Next Song Play
In playing mode, press SEEK + / SEEK - on remote control, or ▶▶|/|◀◀ touch button on display to choose previous/next song.

5. Switch System
In playing mode, short press the BAND/P/N button on remote control, to select PAL, AUTO, NTSC TV system.
Note: This function can only be worked by the remote control.

6. Slow Play
Press SLOW button on remote control to slow play. The level of slow playing is as follows.
Sequence is :   SLOW 1/2 ⟶ SLOW 1/3 ⟶ SLOW 1/4 ⟶ SLOW 1/5
                PLAY ⟵ SLOW 1/7 ⟵ SLOW 1/6 ⟵

Note: This function can only be worked by the remote control.

7. Zoom In / Zoom Out
Press ZOOM button on remote control to zoom in / zoom out the picture. The levels are as follows: ZOOM IN 2 ⟶ ZOOM IN 3 ⟶ ZOOM IN 4 ⟶ ZOOM IN 1/2
                ZOOM IN OFF ⟵ ZOOM IN 1/4 ⟵ ZOOM IN 1/3 ⟵

Note:
1. This function can only be worked by the remote control.
2. Image which is zoomed in can be moved by up/down/left/right cursor to move.
3. Image which is zoomed out cannot be moved.

8. OSD

In playing mode, short press OSD on remote control to show all information of present disc.

9. Number Buttons

In VCD mode, press 0-9 number button to input song. For example, you want to choose 13th song, press 10+ button, and then press 3 button once to play 13th song.
Note: This function can only be worked by the remote control.

10. Repeat Play

In playing mode, press AMS/RPT button on remote control, to startup following, repeat function. Single song repeat→ Repeat play off.
Note:
1) When playing VCD disc, if PBC is on, no repeat function.
2) After unit is power off or mode is switched to other playing mode except VCD mode. if you switch back to VCD mode, repeat playing will be cancelled.
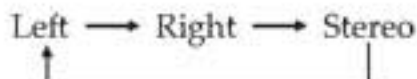
11. Randomly Play

In VCD mode, press LOC/RDM button on remote control, to instantly play each song. Press again to back to the normal play.
Note: When VCD disc, if PBC is on, RDM will not work.

12. Switch Track

In VCD mode, press AUDIO button on remote control to switch track as following sequence:

$$Left \longrightarrow Right \longrightarrow Stereo$$

13. OPEN

Press OPEN button on panel to eject disc.

14. PBC (MENU) Play

In VCD mode, press this button then play the PBC and display will show whole menu in disc, work with number button to choose song. When you are playing either song of the PBC, and you want to stop to select another song, press the button to turn off.
Note:
1) This function can be worked by the control.
2) PBC is suitable for the SVCD and VCD 2.0 disc.
3) In PBC mode, you can not press number button only to choose song.

INSTRUCTIONS

15. VCD Program Playing

In VCD mode, you can set playing sequence of songs by program play function.
The program playing operation steps are as follows:
In VCD mode, press ST/PTOG button, display will show:

```
PROG
     TC              TC              TC              TC
1 _ _ : _ _     5 _ _ : _ _     9  _ _ : _ _    13 _ _ : _ _
2 _ _ : _ _     6 _ _ : _ _     10 _ _ : _ _    14 _ _ : _ _
3 _ _ : _ _     7 _ _ : _ _     11 _ _ : _ _    15 _ _ : _ _
4 _ _ : _ _     8 _ _ : _ _     12 _ _ : _ _    16 _ _ : _ _
                PLAY            DELETE
```

Input the songs which you want to programmed by the number buttons on remote
control. For example: Program the first song, input your desires song, for example, the
fourth song, and press number button 4 on the remote control. Program the second song,
press ▼ button move the cursor to 2 _____ . Input your desired song, for example, the
eighth song, press number button 8 on the remote control. Press ▶ɪ button to program
play. Back to the normal mode, press the ST/PROG button, then press ▶ɪ button.
Note: This function can only be worked by the remote control.

CD/MP3 BASIC OPERATION (Look at Picture #4)

Slide in CD/MP3 disc, unit will play it automatically. If disc is in slot, press DVD touch button on main menu can to play.

1. Repeat Play
In CD/MP3 mode, press AMS/RPT button on remote control, to startup following, repeat CD disc: Single song repeat→ Repeat play off.
MP3 disc: Single song repeat→Directory repeat→ Repeat play off.

2. Fast Forward/Fast Rewind
Press SEEK + / SEEK - button on remote control, or ▶▶ /◀◀ touch button on display to speed forward or backward playing.
Note: Hold above button a bit longer to operate.

3. Previous/Next Song Play
In playing mode, press SEEK + / SEEK - on remote control, or ▶▶I /I◀◀ touch button on display to choose previous/next song.

4. Pause Play
In play mode, press ▶II button on remote control, or ▶II button on display to pause. Press again to go back to normal play.

5. Stop Play
In play mode:
1) Press ■/) button on remote control to enter the pause mode, the position will be stored in unit. At that time, press ▶II button on remote control or touch button on display to resume playing at the stored position.
2) Press ■/) button on remote control twice to enter into stop mode, here, press ▶II button on remote control or touch button on display, unit will play from the first song.

6. OSD
In playing mode, short press OSD on remote control to show all information of present disc.

7. Randomly Play
In CD mode, press LOC/RDM button on remote control, to instantly play each song. Press again to back to the normal play.

8. EQ Mode
1) This function can only be worked by remote control.
2) When playing CD/MP3, press the "ZOOM" button on the remote control, you can choose the sound mode.
3) When enter this function, press the button ▲/▼/◀/▶ to move the course to select sound mode which in the system menu, after your selection position will show red color to indicate the confirmation.

9. OPEN
Press OPEN button on panel to eject disc.

INSTRUCTIONS

10. CD Program Play

In CD mode, you can set the sequence of playing by the program function, the operation is as follows:

When CD is playing, press ST/PROG button, then the display shows:

```
PROG
    TC              TC              TC              TC
1 _ _ : _ _     5 _ _ : _ _     9 _ _ : _ _     13 _ _ : _ _
2 _ _ : _ _     6 _ _ : _ _     10 _ _ : _ _    14 _ _ : _ _
3 _ _ : _ _     7 _ _ : _ _     11 _ _ : _ _    15 _ _ : _ _
4 _ _ : _ _     8 _ _ : _ _     12 _ _ : _ _    16 _ _ : _ _
                PLAY            DELETE
```

Input the number of the song you want to program by the remote control, program the first song, input your desired song, for example, the sixth song, and press number button 6 on the remote control. Program the second song, press ▼ button move the cursor to 2[_ _]. Input your desired song, for example, the ninth song, press number button 9 on the remote control. Press ▶I button to program play.

Back to the normal mode, press the ST/PROG button, then press ▶I button.

Note: This function can only be worked by the remote control.

11. MP3 Program Play

In MP3 mode, you can set the sequence of playing by the program function, the operation is as follows:

When MP3 is playing, press ST/PROG button, then the display shows:

```
PROG
    TC              TC              TC              TC
1 _ _ : _ _     5 _ _ : _ _     9 _ _ : _ _     13 _ _ : _ _
2 _ _ : _ _     6 _ _ : _ _     10 _ _ : _ _    14 _ _ : _ _
3 _ _ : _ _     7 _ _ : _ _     11 _ _ : _ _    15 _ _ : _ _
4 _ _ : _ _     8 _ _ : _ _     12 _ _ : _ _    16 _ _ : _ _
                PLAY            DELETE
```

Then, input desired song by remote control.

For example: Program the first song, input 01, press ▶ button move the cursor to the second lattice, input desired song, for example the third song. Program the second song, press ▶ button, work with ▼ button, move the cursor to 2[_ _]. Input 01, press ▶ button move the cursor to the second lattice, input desired song, for example, the sixth song (press 6). Press ▶I button to program play.

Back to the normal mode, press the ST/PROG button and then press ▶I button.

Note: This function can only be worked by the remote control.

MP3/USB/SD OPERATION

Insert SD card or USB, MP3 disc; click the name of the song directly to select the song you want to broadcast. If there are pictures or video document in the disc or SD card, you can select the relative icon to broadcast.

1. Pause play

In playing mode, press ▶II button on remote control, or ▶II touch button on display to pause. Press again to back to normal play.

2. Previous / next song play

In playing mode, press SEEK + / SEEK - on remote control, or ▶▶I / I◀◀ touch button on display to choose previous/next song.
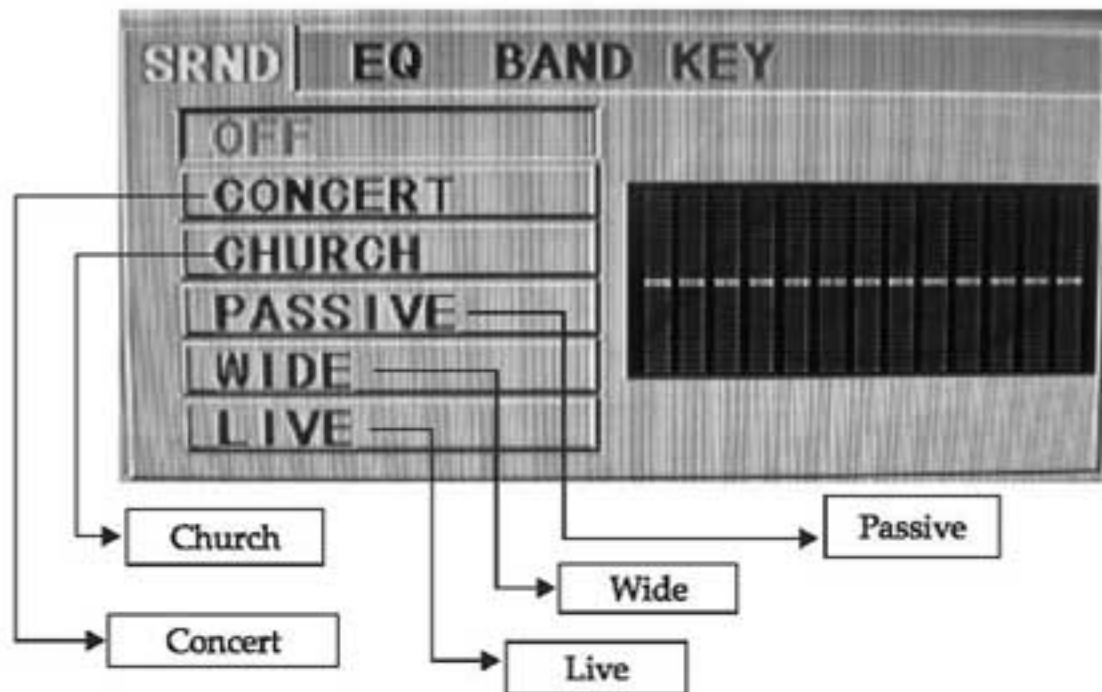
3. Speed forward / backward play

Press SEEK + / SEEK - button on remote control, or ▶▶ / ◀◀ touch button on display to speed forward or backward playing.

4. Repeatedly play

In CD mode, press AMS/RPT button on remote control, to startup following, repeat Mp3 disc: Single song repeat→Directoryrepeat → Repeat play off.

INSTRUCTIONS

MUSIC SURROUNDINGS SETTING

| SRND | EQ | BAND | KEY |

OFF
CONCERT → Concert
CHURCH → Church
PASSIVE → Passive
WIDE → Wide
LIVE → Live

Note: This function only is used with the remote control in CD/MP3/USB/SD mode. Once you have one of these settings on. You will no longer have Bass & Treble adjustments until this feature is set to off.

EQ SETTING

| SRND | EQ | BAND | KEY |

STANDARD → Standard
CLASSIC → Classic
ROCK → Rock
JAZZ → Jazz
POP → Pop
USER → User defined
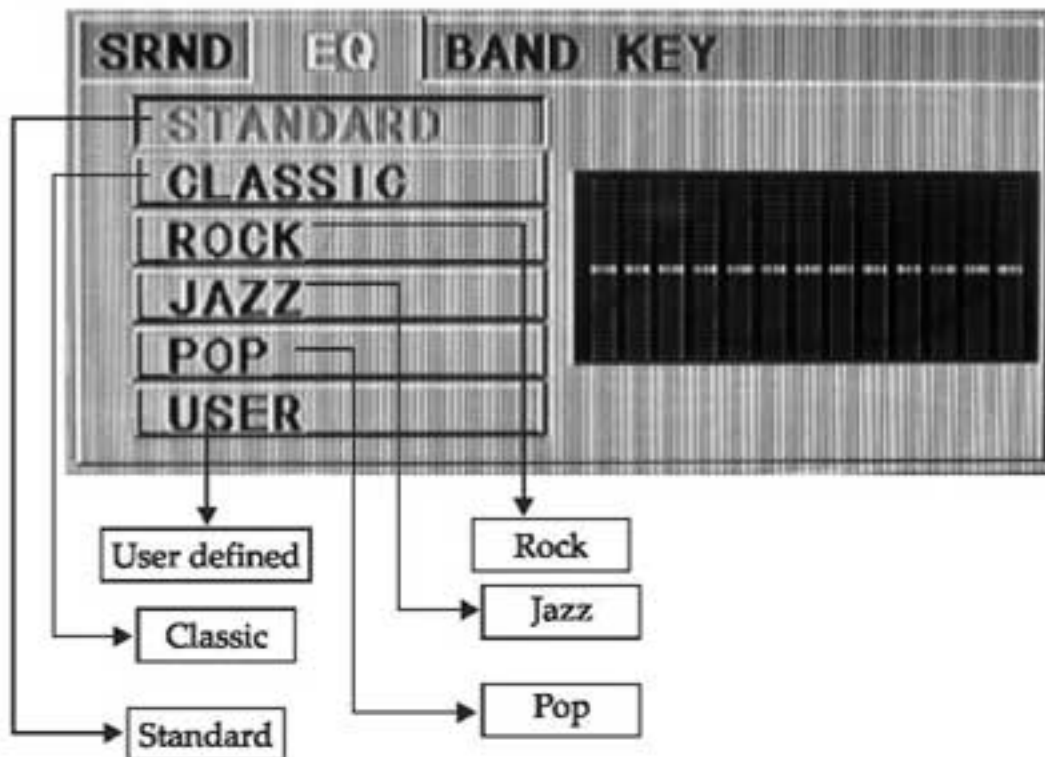
AUDIO FREQUENCY
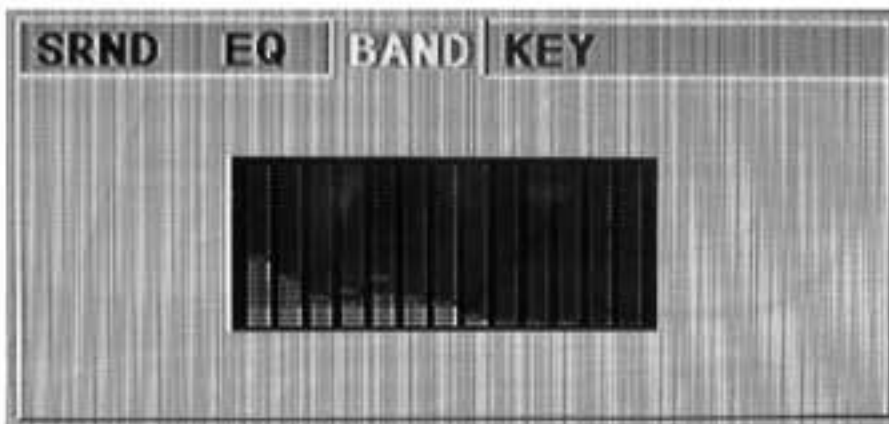
This function shows that the effect of standard audio output.

TONE

Note: You can change the timbre of the sound in DVD mode. We suggest keep it in the original place.

INSTRUCTIONS

OTHER PLAY MODE

AUX IN:

AUX IN OPERATION

1) Press "Source" button on remote control or touch "AUX" on the touch screen, to switch to AUX mode.
2) This will allow you to listen and or watch any source that you have plugged into this section of the radio.
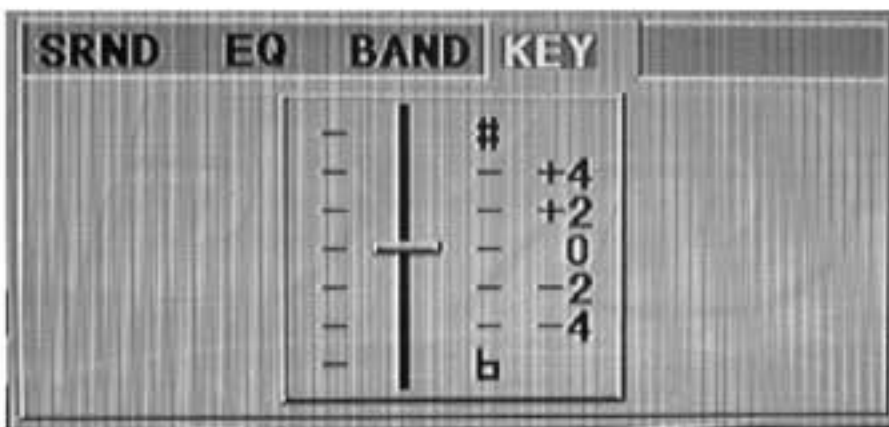3) This unit has 1 - Video RCA input & 1 pair of Audio RCA's for this feature.

CCD (Back-Up Camera)

1) If there is a back-up camera installed onto your car, you will need to connect it to the CCD video input.
2) When you are backing up the car there you will see this image ▦ on your screen.
3) You can set CCD image according to your car's own position in general setting mode.

TROUBLE SHOOTING

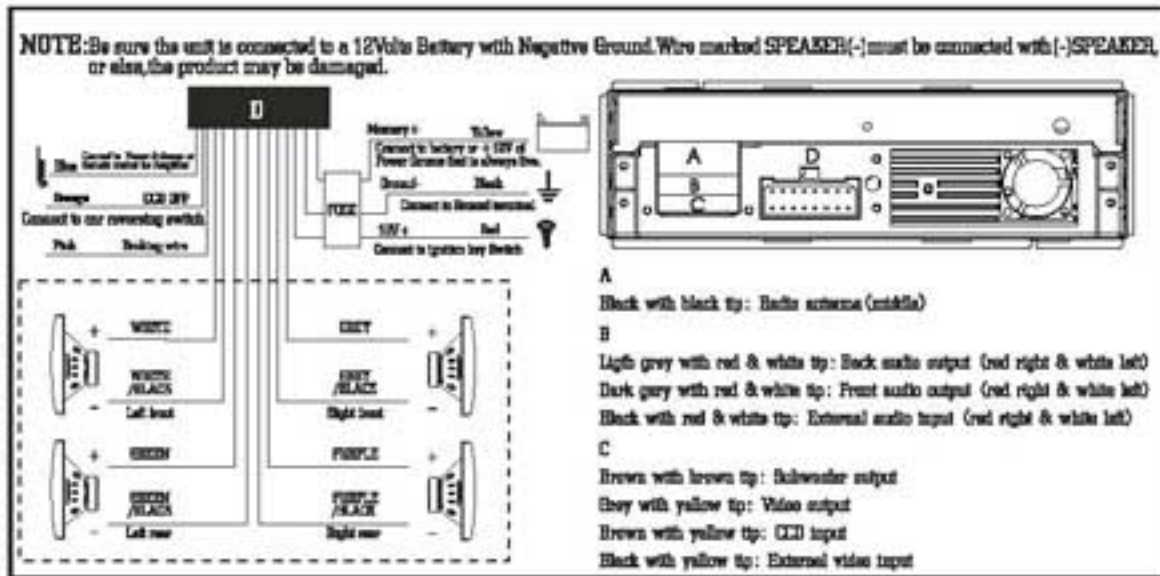| PROBLEM	CAUSE	SOLUTION
Can not power on	Check whether power fuse blew or not	Change fuse same as the old one
	Some factor cause MPU wrong operation	Press RESET button on the panel by pen point, then, power on
After ignition switch off, setting information all lose	Wrong connection between ignition line ACC and Constant 12 Volt wire	Change the wiring around
Remote control no function	No enough power supply from battery	Change battery in remote control
Poor performance of radio station	Improper length of antenna, poor connection of antenna grounding	Check whether antenna is connected or not, or poor connection
Can not load disc	The disc will not go in all the way	Remove the 2 screws on top of the radio
Can not play disc	Disc is scratched	Change new disc
	Put wrong side of disc into unit	Slot in the disc with sign side up
	Lens has dirty	Clean lens by lens clean disc
Can not switch language/subtitle	There is only one language/ subtitle in disc	If disc is not with multi-language/subtitle, it cannot switch language/subtitle
No image	Video line between unit and TV is not properly connected	Reconnect lines

INSTRUCTIONS

WIRING DIAGRAM

This player is equipped with ISO standard connector, please follow below instruction:

- Red - ACC ON (+12V)
- Yellow – 12 V Constant
- Black – Ground wire
- Blue - Power Antenna / Remote Amp Turn On
- Orange – Back-Up Camera Trigger (+)

- Grey/Grey black - Right front speaker (+/-)
- White/White black - Left front speaker (+-)
- Purple/Purple black - Right rear speaker (+/-)
- Green/Green black - Left rear speaker (+/-)
- Pink – Parking Brake (-)

NOTE: Be sure the unit is connected to a 12Volts Battery with Negative Ground. Wire marked SPEAKER(-) must be connected with (-)SPEAKER, or else, the product may be damaged.

A
Black with black tip: Radio antenna (middle)

B
Light grey with red & white tip: Back audio output (red right & white left)
Dark grey with red & white tip: Front audio output (red right & white left)
Black with red & white tip: External audio input (red right & white left)

C
Brown with brown tip: Subwoofer output
Grey with yellow tip: Video output
Brown with yellow tip: CCD input
Black with yellow tip: External video input

SPECIFICATIONS:

Power supply --- DC 12V
Power range -- 10.8-16.0V DC
Max operate current --10A
Dimensions --------------------------------------- 180x178x50mm
Ground system ------------------------------------ Negative ground

FM tuner

European frequency range ------------------------------ 87.5-108MHz
USA frequency range ------------------------------- 87.5-107.9MHz
Signal/Noise ratio ---55dB
Stereo separation -- 30dB
Search station volt -------------------------------------- 20-30dBuv
Distortion rate-- 1.5%

AM tuner

European frequency range-------------------------------- 522-1620KHz
USA frequency range ---------------------------------- 530-1710KHz
Limit noise sensitivity---32dB

DVD PLAYER

Signal/Noise ratio -- 70dB
Frequency response-- 20Hz-20KHz

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